

OIML Member State
The Netherlands

Number R129/2000-A-NL1-24.02 revision 1
Project number 3555907
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

METTLER-TOLEDO Changzhou Measurement Technology Ltd.
No.111, West TaiHu Road,
Changzhou, Jiangsu, 213125
China

Identification of the
certified type

A Multi-Dimensional Measuring instrument
Type : TLD250 series

Characteristics

See next page

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 129:2000

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.
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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
18 June 2024

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-3555907-01 dated 9 January 2024 that includes 51 pages;
- No. NMI-3555907-02 dated 9 January 2024 that includes 20 pages.

Characteristics of the multi-dimensional measuring instrument

Principle of operation	Reflection of light		
	Length	Width	Height
Maximum dimension	Max ≤ 1000 mm	Max ≤ 800 mm	Max ≤ 1000 mm
Minimum dimension	Min ≥ 60 mm	Min ≥ 60 mm	Min ≥ 60 mm
Scale interval d	d ≥ 5 mm	d ≥ 5 mm	d ≥ 5 mm
Measuring range	Single interval		
Electromagnetic environment class	E2		
Mechanical environment class	M1		
Climatic environment	temperature range	0 °C / +35 °C	
	humidity	non-condensing	
	intended location	closed	
Power supply voltage	100 – 240 V AC 50/60 Hz , through an AC/DC plug-in power supply		
Method of operation	Semi-automatic		
Suitable for	Rectangular and singulated objects, Cylindrical objects placed on their base.		
Limitations of use	Not suitable for white objects, The colour of the measuring plane must be grey (the original production colour), Not suitable for objects with reflective surfaces, Not suitable for transparent (bubble wrapped) packaging, The object must be placed perpendicular towards the camera on the measuring plane.		
Minimum spacing between successive objects	Only one object must be within the field of view		
Software identification	Main Firmware Version number 2.00.xxx.yyy xxx = 166...999 and represents non-legally relevant software for algorithm bug fix yyy = 123...999 and represents non-legally relevant software for application features or bug fix		

The software identification is displayed after pressing the key sequence:
Hamburger menu "≡" > Information > Device.



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Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2024-02-01	Initial issue.
1	2024-06-18	Typo correction of the report number